



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO. 09/867,907	FILING DATE 05/30/2001	FIRST NAMED INVENTOR David Blight	ATTORNEY DOCKET NO. 3605.PALM.PSI	CONFIRMATION NO. 7557
49637 7590 03/22/2007 BERRY & ASSOCIATES P.C. 9255 SUNSET BOULEVARD SUITE 810 LOS ANGELES, CA 90069			EXAMINER SHARMA, SUJATHA R	
			ART UNIT 2618	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE 3 MONTHS		MAIL DATE 03/22/2007	DELIVERY MODE PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

**Application No.**

09/867,907

**Applicant(s)**

BLIGHT, DAVID

**Examiner**

Sujatha Sharma

**Art Unit**

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

Art Unit: 2618

***Specification***

1. Claim 1 is objected to because of the following informalities:

In line 9, "receiving from the location" should read as --receiving from the location service--

Appropriate correction is required.

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5,7-10,12-16,18-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over McCrady [US 6,453,168] in view of Negishi [US 5,974,330].

Regarding claims 1,7,12,18,24, McCrady discloses a method of computing location of a mobile terminal in a wireless telecommunication terminal. McCrady further discloses a method of

- gathering a list of addresses/location and range data of nearby devices in communication with a network by the mobile device; see Fig. 1 and col. 6, line 44 – col. 7, line 30.

However, he does not disclose a method of

- sending a location request to location service accessible through the network accessed wirelessly by the mobile device;
- accessing a database of known device;

Art Unit: 2618

- correlating the list of addresses with zone information of the database;

Negishi, in the same field of endeavor, teaches a method of determining the location of a mobile terminal based on the identification received by a base station. Negishi, further discloses a method of

- sending a location request to host/location service accessible through the network accessed wirelessly by the mobile device; col. 2, lines 14-64, col. 4, line 55 – col. 5, line 3
- accessing a database of known device; see col. 5, lines 4-8
- correlating the list of addresses with zone information of the database; col. 2, lines 14-26 and col. 5, lines 34-51

Therefore it would have been obvious to one with ordinary skill in the art at the time the invention was made to provide the above teachings of Negishi to McCrady in order to obtain an approximate position of the mobile station.

Regarding claim 2, Negishi further discloses a method of receiving from the host/location service an estimated position of the mobile device. See col. 4, lines 1-27 and col. 5, lines 4-51

Regarding claims 3,8,13, Negishi further discloses a method wherein the location information includes a text-based description. See Fig. 3, col. 4, lines 1-27 and col. 5, lines 4-51

Regarding claims 4,9,15, Negishi discloses a method of providing an approximate position of the mobile device to the location service. See col. 4, lines 1-27 (where the current

Art Unit: 2618

position of the mobile device is within 100 m thus indicating an approximate position of the mobile unit relative to the serving base station].

Regarding claims 5,10,16, Negishi further discloses a method wherein the approximate position is determined by a global positioning system (GPS) device. See col. 4, lines 1-27.

Regarding claim 14, Negishi further discloses a method wherein the location estimation includes a graphical description of the mobile device location. See col. 5, lines 4-51.

Regarding claim 23, Negishi discloses a method wherein the estimated position of the wireless device is provided on a graphical map. See col. 5, lines 34-42.

3. Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over McCrady [US 6,453,168] and Negishi [US 5,974,330] in view of Parry [2002/0164997].

Regarding claim 19, McCrady and Negishi disclose all the limitations as claimed. However, they do not disclose a method of including a bluetooth transceiver in the wireless device.

Parry, in the same field of endeavor, teaches the use of bluetooth transceiver in the wireless device. See page 3, paragraph 28.

Therefore, it would have been obvious to one with ordinary skill in the art at the time the invention was made to provide the above teachings of Parry to modified McCrady in order to provide wireless interconnectivity of a wide range of devices without the use of cables.

Art Unit: 2618

Regarding claim 20, Parry further discloses the wireless device to include an IEEE 802.11 transceiver. See page 3, paragraph 28.

Regarding claim 21, Parry discloses a method wherein the at least one other device includes a printer. See page 2, paragraph 26.

Regarding claim 22, Parry discloses a method wherein the at least one other device includes a computer. See page 2, paragraph 27.

#### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1-24 have been considered but are moot in view of the new ground(s) of rejection.


#### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sujatha Sharma whose telephone number is 571-272-7886. The examiner can normally be reached on Mon-Fri 7.30am - 4.00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew D. Anderson can be reached on 571-272-4177. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2618

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Sujatha Sharma  
March 12, 2007

  
MATTHEW ANDERSON  
SUPERVISORY PATENT EXAMINER